#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Ren-Hua JIN

Serial Number: Not Yet Assigned

Filed: September 15, 2003

For: WATER-SOLUBLE BLOCK COPOLYMER AND PRODUCTION METHOD

THEREFOR

#### **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

September 15, 2003

Sir:

In compliance with 37 CFR 1.56, Applicant calls to the attention of the Patent and Trademark

Office the references listed on the attached PTO-1449.

A copy of each of the references are enclosed herewith.

In the event there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 01-2340.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449; References (3)

**INFORMATION DISCLOSURE STATEMENT** PTO-1449

| Atty. Docket No. 031149         | Serial No. New Application       |  |  |
|---------------------------------|----------------------------------|--|--|
| Applicant(s): Ren-Hua JIN       |                                  |  |  |
| Filing Date: September 15, 2003 | Group Art Unit: Not Yet Assigned |  |  |

# **U.S. PATENT DOCUMENTS**

| Examiner<br>Initial |    | Document No. | Name | Date | Class | Subclass | Filing Date<br>(If<br>appropriate) |
|---------------------|----|--------------|------|------|-------|----------|------------------------------------|
|                     | AA |              |      |      |       |          |                                    |
|                     | AB | 1            |      |      |       |          |                                    |
|                     | AC |              |      |      |       |          |                                    |
|                     | AD |              |      |      |       |          |                                    |

# FOREIGN PATENT DOCUMENTS

| : |    | Document No. | Date     | Country | Translation (Yes or No)                     |
|---|----|--------------|----------|---------|---|
|   | AE | 2002-194116  | 07/10/02 | Japan   | Yes-Abstract/Discussed in the specification |
|   | AF | 8-120035     | 05/14/96 | Japan   | Yes-Abstract/Discussed in the specification |
|   | AG |              | •        |         | ·   |
|   | AH |              |          |         |   |
|   | AI |              |          |         |   |

### **OTHER DOCUMENTS**

|          | AJ<br>AK | M. Sedlák et al.; "Synthesis of a new class of double-hydrophilic block copolymers with calcium binding capacity as builders and for biomimetic structure control of minerals"; <i>Macromoleclular Chemistry and Physics</i> ; Vol. 199; 1998; pp. 247-254./Discussed in the specification. |
|----------|----------|---|
| Examiner |          | Date Considered   |